

14 June 1957

MEMORANDUM FOR: Chairman, Guided Missile Intelligence Committee

SUBJECT : Duty with REG as GMIC Intelligence Representative
for the Period 29 January - 4 May 1957

I. INTRODUCTION:

25X1C A. The position termed REG Guided Missile Intelligence Representative established by the GMIC has been directed toward furthering US intelligence community interests regarding the exploitation of [REDACTED] 25X1C in late 1956. The duration of my assignment to this position was from 29 January through 4 May 1957. The period was spent totally at the REG, [REDACTED] other than several 25X1C outside trips for interrogation purposes and presentations (briefings).

B. The specific duties and responsibilities have not been outlined to date for the GMIC Intelligence and R&D Representative positions. The GMIC has supplied primarily the GMIC [REDACTED] Interrogation Guide with 25X1C intelligence background information and subsequently various additional requirements in small numbers. Perhaps a description of the task as outlined in this report and performed during the stated period, will be an aid in defining the duties of both the Intelligence and R&D representatives, as well as a means of determining proper field support to them.

C. This report covers the general significance of the position, specific duties of the position with elaborations on major duties, functions of the GMIC R&D representative, utilization of short term intelligence and R&D consultant supplementary help, information on published EG reports, and recommendations.

D. To insure that a maximum of information on the intelligence representative's activities were supplied to the GMIC, and the various US Intelligence Agency analytical groups, briefings and question-answer periods have been engaged in on return. The following gives a listing of those organizations visited:

1. The Guided Missile Intelligence Committee
2. NSA (Fort Meade and Arlington Hall)
3. ONI-OP 922F2

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4. CIA/OSI - Guided Missile Division
5. CIA/OSI - Electronics Division
6. CIA/ORR - Guided Missile Branch of the Industrial Division
7. AFOIN-2C5
8. National Technical Processing Center (This included two members of AFOIN-Z)
9. ACSI (Guided Missile, Electronics and DOFL personnel)
10. AFOIN-3A2B - Guided Missile Targeting, Production and Economics
11. ATIC - This organization will be covered when the undersigned performs a two (2) week military duty period from 16-31 June 1957.
- 25X1C 12. [REDACTED] - This organization was briefed on 25X1C [REDACTED] activities on 7 May 1957 while enroute to the US.
13. Diamond Ordnance Fuze Laboratory

II. DISCUSSION

A. General

25X1C The utilization of a guided missile intelligence advisor in direct support of REG has proven to be valuable. This was recognized by the Chief, REG, and his subordinates. This position permits bridging the tremendous gap between consumer and collector. It must be understood that the [REDACTED], while proficient linguists and trained interrogators, do not acquire and maintain the reservoir of knowledge as do research analysts. Finally, the other member of the interrogation team, the technical intelligence interrogator, though generally well qualified on the basis of scientific and technical background, cannot maintain the required intelligence background. Instances where the technical interrogators come directly from a technical intelligence analysis assignment, such as for source REG-359, this condition is greatly remedied.

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Here, (US) remote from the collection scene, we often hear the statement, "We should be able to spell out our requirements precisely enough so that 'on the spot' assistance is not necessary."

1. It is imperative that we do outline our requirements lucidly and in detail.
2. That we keep current with interrogation results, and provide feed-back requirements and background information where necessary.

However, this does not entirely provide the degree of interrogation efficiency desired since delays up to several months exist between the time the information is acquired, published and received by intelligence analysis organizations. This prohibits timely feed-back support from the intelligence community. Also, in any interrogation, such factors as the interrogator's approach, his level of intelligence background, his patience, ability to pursue the important and reject trivial information, his interpretation of written requirements, the types of questions utilized to answer known requirements, are a few of the factors which determine how fully the source is exploited. The presence of the GMIC representative permits at least partial resolving of these unknown factors.

B. General Qualifications for Position

The position should be staffed with a person having considerable experience on both general and technical intelligence subjects. He must be especially cognizant of US intelligence community requirements, and devote himself to the means of answering them. He must prove himself a competent S&T intelligence officer from the standpoints of substantive knowledge, ability to devise sensible interrogation plans and assist in their implementation by providing daily guidance to the individual interrogation teams. Success is measured by whether he acquires "interrogation control" of the various source cases. This is reached when each individual interrogation is following the prescribed interrogation plan and covering the specific requirements within thoroughly.

- 25X1C The exploitation of [REDACTED] sources has been valuable in showing the presence of, and the progress of, several Soviet native missile developments.
- 25X1C They are members of [REDACTED] known to have been integrated to a Soviet Nation Project, and as such have closer relationships with Soviet missile development personnel. The Intelligence Representative, with his R&D associate, can contribute greatly toward accomplishing a thorough exploitation of these sources.

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Although the [REDACTED] source activities have been primarily associated with development, they also show signs of contributing some economic and production intelligence. A recent visit to the REG by a CIA/ORR intelligence officer was found valuable in assisting the GMIC representatives in the exploitation of these subjects. Such timely visits should continue since the GMIC representatives normally have scientific and technical backgrounds.

C. Specific Duties of the Intelligence Representative

The following comprise the various functions of the intelligence representatives as experienced to date:

1. Responsible for preparation of overall long-term interrogation plans for specific sources.
2. Responsible for preparation of interrogation outlines for specific portions within the overall long-term plan for specific sources
3. Participate in daily discussions and maintain close working relationships with the Chief, Interrogation Branch, Case Officers and Technical Intelligence Interrogators responsible for each source, and R&D representatives.
4. Provide consultation to the Operations Branch of REG in regard to the selection of [REDACTED] personnel as future sources. 25X1C
5. Provide consultation to the Reports Branch of REG in relation to preparation of EG reports.
6. Provide consultation to the Interrogation Branch in regard to the preparation of the "Weekly Summary of Interrogation Progress."
7. Participates as GMIC Intelligence Representative at Dragon Committee meetings concerned with [REDACTED] sources. 25X1C
8. Serves as the focal point for all Intelligence Officer visitors to REG concerned with [REDACTED] sources. (This 25X1C includes visitors from the US, [REDACTED] 25X1C representatives of the three services, NSA and CIA.)
9. Provide intelligence briefings at the request of the Chief, REG, (this occurred only on two occasions, one being for the USAEUR Intelligence Chief, and the other for the USAFEUR Intelligence Chief.)

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10. Performs interrogation of REG and STIB sources as requested by Chief, REG, with the approval of Dragon Committee members.
11. Maintain current files on source requirements, EG report evaluations and source background reports for the office of the GMIC Intelligence and R&D Representatives. (Source requirements are discussed in detail with the Chief of Interrogation Branch, and the appropriate [REDACTED] 25X1C and/or Technical Intelligence Interrogators.)
12. Prepares special reports termed the "GMIC Letter" which are devoted to informing the US Intelligence Community of current interrogation progress, and source-derived information which could be considered significant and of immediate value.
13. Maintains close working relationships with the GMIC/R&D representative, providing background information on the Intelligence Community and outlining key intelligence gaps.

D. Discussion of Specific Duties

Ref. C.1., This is devoted to the preparation of the long range (overall) interrogation plan for each particular source. With some variance, depending on the source, this will cover many months of interrogation. This plan is drawn up based on the US/GMIC requirements guide, supplementary requirements thereto, priority of requirements, estimated knowledge range of the source, and outstanding information gaps as displayed by other [REDACTED] 25X1C sources. Care must be taken, commensurate with US Intelligence Priorities, in developing plans which are balanced in regard to the exploitation of Scientific and Technical information versus General Intelligence Subjects material. An unbalance occurred in the beginning on sources REG-359 and REG-360, primarily because of high intelligence priority on technical details of the B-200 and ShM equipments.

Progress has been made toward the development of a balanced interrogation. To accomplish this, the interrogation team must divide the source's time between the two categories. This is difficult at times and dependent on the source's versatility to rapidly switch subjects. Case REG-364 [REDACTED] 25X1C will be conducted in this manner and success may be gauged here (US) by monitoring the Weekly Interrogation Summaries, and the coverage of produced EG reports.

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The case REG-359 [REDACTED] has been completely oriented toward the General Intelligence Subjects Category since late March 1957. Case REG-360 has presented a problem in attempting to allocate sufficient time for non-technical subject exploitation. His capacity to draw detailed three dimensional drawings of the VS and ShM systems, combined with his unusual thoroughness has precluded sufficient time for an exhaustive general intelligence subject exploitation. It was requested that the REG continue interrogations after his May 1957 departure date, even though a part time effort.

To emphasize the US Intelligence Community requirement on General Intelligence Subject material, an outline was prepared for the interrogators. This outline represents those requirements outlined in the GMIC guide, plus additions of the GMIC representatives. A copy of the outline was published in GMIC letter No. 3., 9 April. This was improved upon during April 1957 and republished on 3 May 1957.

C.2., concerns the preparation of a detailed interrogation plan for each specific phase of the overall plan discussed above. The GMIC prepared guide was used extensively and found extremely valuable in the case of General Intelligence Subject material. Reference may be made to the outline published in GMIC letter No. 3., to gain appreciation of how extensively the guide is employed. Detailed interrogation plans for technical subjects were prepared both from the GMIC guide and individual technical interrogation guides made available to REG. The latter treated individual subjects such as radar, various types of electronic guidance systems, computers, and stabilization and control, etc. The B-200 technical interrogation plan outline was prepared for REG-359 by his technical interrogators. The attachment to GMIC letter No. 1 provides an example.

Once the overall interrogation plan (C.1) and the specific outlines within (C.2) have been accomplished, C.3 becomes all-important.

C.3., The representative must now become a part of each individual source's interrogation. This demands keeping current with the information being obtained, daily consultation with interrogation teams, daily review and analysis of current information for source comparison, and preparation of feed-back requirements, occasional visits to [REDACTED] for 25X1C discussion purposes, discussions with R&D representative on current information, and direct interrogation of the source when requested. A broad background of training and experience, the exercise of good judgement and substantive analytical ability are required of the Intelligence Representative for guiding and assisting in the various interrogations. It is imperative that a substantial degree of "interrogation control" be

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established, otherwise certain US Intelligence Community requirements may be overlooked, or processed in insufficient depth. This control cannot be forced, but must be won by a display of competence and a willingness to work with, "not hound", the interrogation teams.

C.4., Briefly, for background purposes, the REG is composed of three (3) branches, The Operations Branch, Reports Branch, and the Interrogation Branch. The assistance given to the Operations Branch was concerned with appraisals of individual [REDACTED] 25X1C. This necessitated review of biographical data supplied by present [REDACTED] 25X1C sources plus additional data supplied by GMIC. The evaluation was always focused on the question, "What could this source add to our present knowledge?" Later in Dragon Committee proceedings held in April 1957, a review of source priorities was undertaken. Those sources reported to have visited test ranges, and missile installations other than 228 L.S., Moscow, and those believed knowledgeable on the B-200 computer, and micro-wave portions of the radar, were given a higher priority. The GMIC originally prepared a priority listing in 1956. This should be re-examined based on new source biographical data, and current information gaps.

C.5., The Reports Branch of REG is responsible for the preparation of source information into form for publishing as EG documents. Based on the individual source interrogation plan, and specific subjects within, particular EG report numbers are assigned. The draft report is normally assembled by either the case officer and/or the technical officer dependent on the subjects.

The GMIC Representative provides assistance to the Chief, Reports Branch by suggesting material (Title) for various reports based on the source's interrogation plan, reviewing "interrogation team" drafts of intelligence reports before publishing and being available for providing advice to members of the branch who are in the process of editing EG reports.

It is now the intention of REG to cover less subject material in individual reports. This will permit a more timely coverage to the intelligence consumer. The REG-359 report on "Details of the B-200 System", although excellent, was an example of too extensive coverage in one report.

The speed of producing reports at REG, once a draft is acquired, is good. The time lag between REG production and consumer receipt, however, is intolerable. The so called "fast pouch" by which initial copies are sent out from REG appears to be a myth. Theoretically, they should be at the Washington distribution point three days after transmittal. It appears that there are delays of several weeks.

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C.6., The REG Interrogation Branch which has the responsibility of source interrogation and preparation of source information draft reports, has customarily published a "Weekly Summary of Interrogation". However, since February 1957, the detail of the summary has been improved so that the consumer can readily appreciate the subjects of interrogation and the source's progress. This information detail originally was expressed in the early GMIC letters. It was found more appropriate to have the Interrogation Branch perform this, since the GMIC representative's time was extremely valuable, and as such could provide only consultation services.

C.7., The Dragon Committee meetings with regard to the [REDACTED] Group are concerned primarily with selection of technical interrogators for particular sources, coordination of ANA's (cables) before transmittal to the US community, review and reclassification of [REDACTED] source priority, and review of current interrogation progress on [REDACTED] sources. The meetings are infrequent, there being only six (6) during the duty period covered in this memorandum. 25X1C

The members and associated members of the Committee include Army, Navy and Air Force Intelligence Representatives, the CIA Scientific Detachment, NSA, GMIC Intelligence and R&D Representatives and the Chief, REG, who acts as chairman.

C.10., The GMIC Intelligence Representative is not required to engage in direct source interrogations. This is a time consuming task, which could result in his placing non-proportionate effort on individual sources, and thus non-adherence to his specific duties. It was necessary to spend appreciable time on REG-361 since the January 1957 exploitation was without depth. Short periods were also spent with REG-359 primarily on ShM (air-to-air) activities, and attempts to resolve information discrepancies with STIB source [REDACTED]. (One period of two (2) days was spent at 25X1C STIB in [REDACTED] on the interrogation of [REDACTED] in company with 25X1C 25X1A [REDACTED] CIA/ORR. The source was explored on his "Homing Head" information and general intelligence subject material.)

The above interrogation tasks were requested of the Representative by the REG with the coordinated approval of Dragon Committee members. It should be noted that REG "visitors" with substantive intelligence backgrounds can normally expect to be granted an opportunity to participate in certain phases of interrogation.

C.11., This concerns normal office operations, including the review of currently acquired information, the preparation of feed-back requirements, and the keeping of background and source information files. The allocated office space was inadequate to carry out the mission since three

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or four people were normally present. This includes the two or three R&D advisors and the Intelligence Representative. REG personnel present at times throughout the day on business problems, occasional visits from outside intelligence representatives, and TDY consultants seriously overload the area. A larger area is required.

Our clerical (typing) support became vastly improved by April 1957, with the acquisition of an additional person within the REG administrative office. The GMIC Representative's office should include one such person for proper accomplishment of their mission.

C.12., The "GMIC Report" is designed to provide members of the intelligence community with coverage of current interrogation progress, status of intelligence reports to be published and those recently published, significant current information acquired from US and [] sources, activities of 25X1C the GMIC Intelligence Representative, requests to GMIC for additional back-up information and comments on current interrogation results. It is written and produced by the GMIC Representative.

Originally it was contemplated to have a weekly letter; however, by improving the Weekly Interrogation Progress Report, this requirement was removed. By May 1957, this latter weekly report was so improved that the "GMIC Report" could be directed primarily to significant current information being obtained, and activities of the GMIC Intelligence Representative.

The substantive information placed in GMIC reports can be compared with the type normally sent in ANA cables. Later, published EG reports treat such information in greater detail, where possible.

It appears that a period of three or four weeks between published GMIC Reports is ample. It was disconcerting not to have had comment or requirement from the intelligence community on these reports. On return, it was found that two weeks elapsed before the report was ever received by GMIC. Discussions with individual intelligence consumers have revealed distribution to the individual intelligence agencies but poor coverage to the analyst within agencies. It appears that additional copies should have been requested of GMIC by the individual agencies.

E. REG Published Products

EG Reports - This represents the principal product of REG. Information on preparation of reports as to number, title, and publishing date appears from time to time in the Weekly Interrogation Summary, and the GMIC reports. To facilitate the quick receipt of published EG reports, the mats and number

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of run-off copies are transmitted to Washington by fast pouch. It was understood that transmittal time was three (3) to five (5) days; in practice, however, it appears to be in excess of one week. Also, the number of run-off copies available to GMIC for distribution to individual consumers are insufficient. Whereas approximately twenty (20) are needed, only a few are received. This is surprising, since REG reported that twenty copies were pouched.

The date that a given EG report reaches the intelligence community is far in advance of its equivalent CSG report publishing date. Editing and comment additions made by the Washington office in preparation of the CSG report account for this. It is imperative that the consumers be given sufficient copies of the EG reports for immediate analysis to that timely feed-back to the REG and GMIC representatives can be accomplished.

Plans are now in effect at REG to publish individual EG reports which cover smaller segments of the source's interrogation plan. This will permit faster acquisition of report material by the intelligence community, with an increase in the numbers of reports being produced.

ANA Cables - This medium is employed for providing early information derived from the preliminary interrogation of a new source. The format used corresponds with the high priority requirement outline presented in the GMIC

25X1C [REDACTED] Extensive use of the cable was made in support of the recent Conference.

Weekly Interrogation Progress - This is a compilation of interrogation activities on each REG source for a week period. It does not contain substantive information but outlines the various items on which the source was interrogated. Where possible, activities of the STIB sources are also included. This summary is published on Friday morning and covers the week period from Friday to Thursday. A substantial number of copies are sent via the fast pouch to Washington. Since my return, it appears that three weeks to a month elapse before consumers receive copies.

The summary describes for each source the particular subjects engaged on and the time allocated. It also reports the EG report number, and expected publishing date for specific subjects. The intelligence community can determine from this whether their individual interests are being covered and progress being accomplished. It also permits determining the proper time to send visiting intelligence and/or research and development representatives.

F. Numbering of US Intelligence Requirements - It is imperative that a number sequence be adopted by GMIC to facilitate easy reference purposes in communications. Requirements to date have not incorporated a system.

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III. THE GMIC R&D REPRESENTATIVE

A. Similar to the intelligence advisor position, no specific responsibilities have been spelled out for the GMIC R&D representative position. Based on my association with the R&D position, the following represents my understanding of the responsibilities.

1. Provide scientific and technical consultation services to the GMIC Intelligence Representatives, source interrogation teams, and the Chief, REG.

2. Review currently obtained source information to ascertain proper coverage of outstanding technical intelligence requirements, technical completeness and validity, and develop, where necessary, feed-back requirements for the technical interrogation officers.

3. Critique EG report final drafts containing S&T information for technical accuracy before publishing.

4. Act as GMIC R&D representative at those Dragon Committee meetings concerned with [REDACTED] sources. 25X1C

5. Report to GMIC on activities and results accomplished by visiting R&D consultants.

6. Provide a monthly letter outlining his current activities and reflections on currently obtained source technical information.

7. Review the need for short term supplementary R&D advisors for use in interrogation support and request such support through GMIC.

B. The responsibilities listed as one, two, three, four and seven are being engaged. The item five was never carried out although specifically asked for by the GMIC Intelligence Representative. The case of Mr. H. Rothe, ABMA gyro-consultant, is now being referred to. The reason given was that Mr. Rothe's analysis of the "VS Stabilization and Control System" was deemed inaccurate. Nevertheless, the US technical intelligence community desires the opinions of those actively working in the US development field, whether disagreement exists or not. The GMIC R&D representative should be required to send such information and to include his own critique if such disagreement exists.

C. The item six was never discussed with the R&D representative or Chief, REG. However, on returning to the US, it appears that a monthly letter would provide a link between the representative and elements of the technical intelligence community.

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D. The present R&D representation includes three persons. The original GMIC appointee has returned to his prior European assignment and visits either weekly or biweekly for consultation purposes. Because of his absence, the representation has formed a personnel staff of two, one a Signal Corps and the other an Ordnance Officer. Through the months of January, February, and March 1957, the effective number was three since one SCIA representative was also present awaiting a technical interrogator assignment.

E. To date, the S&T backgrounds of the technical intelligence interrogators have been equivalent to the full time R&D staff members. This is not desirable since the R&D personnel should be capable of providing a greater depth of knowledge.

A more desirable plan would be to maintain a full time representative of the background similar to the GMIC R&D appointee and to supplement him at his request or the initiative of the intelligence community with experienced R&D specialists actively engaged in US missile development. Even though the duration of such assistance may be measured in weeks, if properly timed, it is of great benefit. As example, two members of ABMA, a Dr. Schilling and Dr. Carlson, spent only two days at REG but were valuable contributors. Every effort should be made by the US intelligence agencies to make talented R&D advisors available. Requests of the R&D representative for such assistance, as well as stateside R&D opinions, should be given prompt attention. Generally, periods of duty up to one (1) month appear adequate for visiting R&D specialists.

RECOMMENDATIONS:

1. The GMIC Intelligence Representative permits an optimum way of narrowing the gap between the collector and consumer. He should be a S&T officer, well versed in technical and general intelligence subject material. He should be supplemented when deemed necessary by him or the intelligence community with an intelligence officer proficient in general intelligence subject material to include the production and economic aspects of guided missile intelligence. For cases where less than five (5) sources are under interrogation, properly timed supplemental assistance periods of one (1) month are adequate. For cases where five (5) or more sources are available, a two (2) man S&T and Economic Intelligence team would be valuable. The Economic Representative should be able to provide guidance on nearly all of the general intelligence subjects. (See GMIC letter No. 3, dated 9 April 1957, for listing of such material.

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2. The GMIC R&D position should include one qualified person who is supported with supplementary technical assistance either at his request or the initiative of the intelligence community. Such specialists must be of high caliber, and actively participating in US missile developments. Periods of duty up to one (1) month appear adequate.

3. (a) Immediate steps must be taken to insure that sufficient copies of EG reports are received by GMIC for timely distribution to individual intelligence agencies.

(b) Individual intelligence agencies should request of GMIC sufficient copies of the "GMIC Letter" to insure adequate internal coverage.

4. A GMIC review of and reclassification of [REDACTED] sources should be made, taking into account recent biographical information supplied by current [REDACTED] sources, and outstanding information gaps still present. 25X1C
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5. All future GMIC/REG representatives should be briefed prior to duty at REG regarding their duties and reporting responsibilities, and informed of working agreements between REG/IDC and GMIC made prior to October 1956.

6. No individual should be allowed to represent himself as a GMIC Intelligence or R&D Representative unless accepted by GMIC.

7. A REG requirement numbering sequence should be adopted by GMIC to facilitate easy identification in communications.

8. Even though an undesirable time lag exists between acquisition of source information at REG and receipt by the intelligence community, effort should be made by the community to provide feed back comments and/or requirements to the GMIC Intelligence Representative.

25X1A [REDACTED]